



**FILING COMPLETION UNDER RULE 53(f)**

( NOT PCT Applications)  
For Design, Provisional, or Utility Applications

PATENT  
APPLICATION

**COMPLETION Under**  
**Rule 53(f)**

In re PATENT APPLICATION of

Inventor(s): William McFarland

Appln. No.:

09

Series Code ↑

839,565

Serial No. ↑

Atty.Dkt.

P

0269521

M#

ATH-025(u)

Client Ref

Attn: Application Division

Filed: April 20, 2001

Title: Multi-Carrier Communication Systems Employing Variable Symbol Rates and Number of Carriers

Hon. Commissioner of Patents  
Washington, DC 20231

Date: August 6, 2001

Sir:

The following completes the filing under Rule 53(f) of the above-identified patent application:

1. **Notice to File Missing Parts** ☒ copy attached ☐ not yet received
2. ☒ Signed Declaration attached. ☒ Original ☐ Facsimile/Copy

(Always "X" box 2 if filing signed Declaration and

"X" box 2A only if top box of the Declaration is X'd and file application copy, or

"X" box 2B only if none of the top three boxes of the Declaration is X'd.)

- 2A. ☐ Attached: Original signed Declaration with attached specification (including claim(s)) which is a copy of specification and claim(s) originally filed to secure the above filing date.
- 2B. ☐ The original application as filed in the PTO on the above filing date is the application which each inventor executed by signing the attached Rule 63 Declaration.
3. ☐ Specification originally filed in non-English language; hence verified translation attached of:
  - a. ☐ Abstract
  - b. #  pages of Specification (only spec. & claims)
  - c. ☐ Drawing(s) No of Sheets
  - ☐ Fig(s).
4. ☐ Letter filing formal drawing attached.
5. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.
6. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1) 60/199,049	April 22, 2000	(2)	
(3)		(4)	
(5)		(6)	

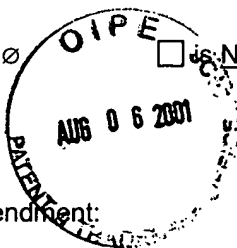
7. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in

8.

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	

Completion Under Rule 53(f)

9. (No.) Certified copy (copies): ☐ attached; ☐ previously filed (date) \_\_\_\_\_  
in U.S. Application No. \_\_\_\_\_ filed on \_\_\_\_\_
10. Small Entity Status ☐ is Not claimed ☒ is claimed (file PAT-256 if this is the first claim of Small Entity Status)
11. ☐ Attached:
12. ☐ Preliminary Amendment:



**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
13. Basic Filing Fee . . . . . Design Application				\$320/\$160		106/26
Not Design Application				\$710/\$355	+355	101/201
14. Total Effective Claims	85	minus 20 =	65	x \$18/\$9	+585	103/203
15. Independent Claims	11	minus 3 =	8	x \$80/\$40	+320	102/202
16. If any proper multiple dependent claim (ignore improper) is present, (Leave this line blank if this is a reissue application)				\$270/\$135	+0	104/204
17. Surcharge for filing Declaration/filing fee late				\$130/\$65	+65	105/205
18. FILING FEE ENCLOSED =				\$1325		
19. Original due date: August 6, 2001						
20. Petition is hereby made to extend the original due date to				(1 mo)	\$110/\$55 =	+0
cover the date this response is filed for which the requisite fee				(2mos)	\$390/\$195 =	115/215
is attached				(3mos)	\$890/\$445 =	116/216
				(4mos)	\$1390/\$695 =	117/217
21. If "non-English" box 3 is X'd, add Rule 17(k) processing fee . . . . .				\$130	+0	139
22. If "assignment" box 5 is X'd, add recording fee. . . . .				\$40	+40	581
23. Petition Fee for				\$130	+0	
24. CHECK for TOTAL FEE ENCLOSED =				\$1365		

Our Deposit Account No. 03-3975

Our Order No. 073169

0269521

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP**  
**Intellectual Property Group**

1600 Tysons Boulevard

By Atty: Roger S. Joyner

Reg. No. 36,176

McLean, VA 22102

Sig:

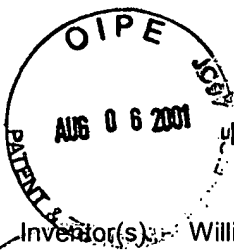
Fax: (703) 905-2500

Tel: (703) 905-2000

Tel: (650) 233-4552

Atty/Sec: RSJ/jlc

**NOTE: File in duplicate with PTO receipt (PAT-103A) and attachments**



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
APPLICATION

Inventor(s): William McFarland

Appln. No.: 09/ 839,565  
Series Code ↑ Serial No. ↑

Filed: April 20, 2001

Pat. No.:

Issued:

Hon. Commissioner for Patents  
Washington, D.C. 20231

Sir:

Date: August 6, 2001

**NOTIFICATION OF CHANGE IN SMALL/LARGE ENTITY STATUS**

Please note the following change to/from Small Entity Status:

- ☒ **CLAIMED NOW:** Applicant hereby claims Small Entity Status
- ☐ **WITHDRAWN NOW:** Applicant hereby withdraws Small Entity Status

Respectfully Submitted  
Pillsbury Winthrop LLP  
Intellectual Property Group

1600 Tysons Boulevard

McLean, VA 22102  
Tel: (703) 905-2000  
Atty/Sec: RSJ/jlc

By Atty: Roger S. Joyner

Sig:

Reg. No. 36,176

Fax: (703) 905-2500  
Tel: (650) 233-4552

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, Express Mail # EL904968655US, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231-9999 on August 6, 2001.



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/839,565	04/20/2001	William McFarland	026952 ATH-025(u)

CONFIRMATION NO. 1458

## FORMALITIES LETTER



\*OC000000006155880\*

PILLSBURY WINTHROP LLP  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, DC 20005-3918

Date Mailed: 06/06/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

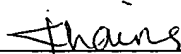
FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$1810.
  - \$1170 for 65 total claims over 20.
  - \$640 for 8 independent claims over 3 .
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2650.

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/09/2001 KZENBIE 00000059 09839565  
01 FC:201 355.00 0P  
02 FC:205 65.00 0P  
03 FC:202 320.00 0P  
04 FC:203 585.00 0P